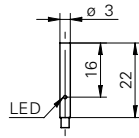


# Inductive proximity switch

# IFRM 03N3501/L

### dimension drawing



### general data

mounting type	flush
nominal sensing distance $S_n$	0,8 mm
hysteresis	2 ... 20 % of $S_r$
output indicator	LED red

### electrical data

switching frequency	< 3 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
output circuit	NPN break function (NC)
voltage drop $V_d$	< 2 VDC
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

### mechanical data

type	cylindrical smooth
material (sensing face)	POM
housing material	stainless steel
dimension	3 mm
housing length	22 mm
connection types	cable, 2 m

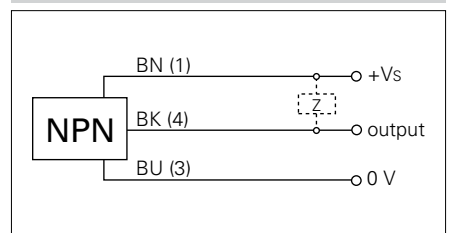
### ambient conditions

operating temperature	-25 ... +75 °C
protection class	IP 67

### photo



### connection diagram



- 16 mm long, fully contained, 3 individual strands
- 22 mm standard cable version